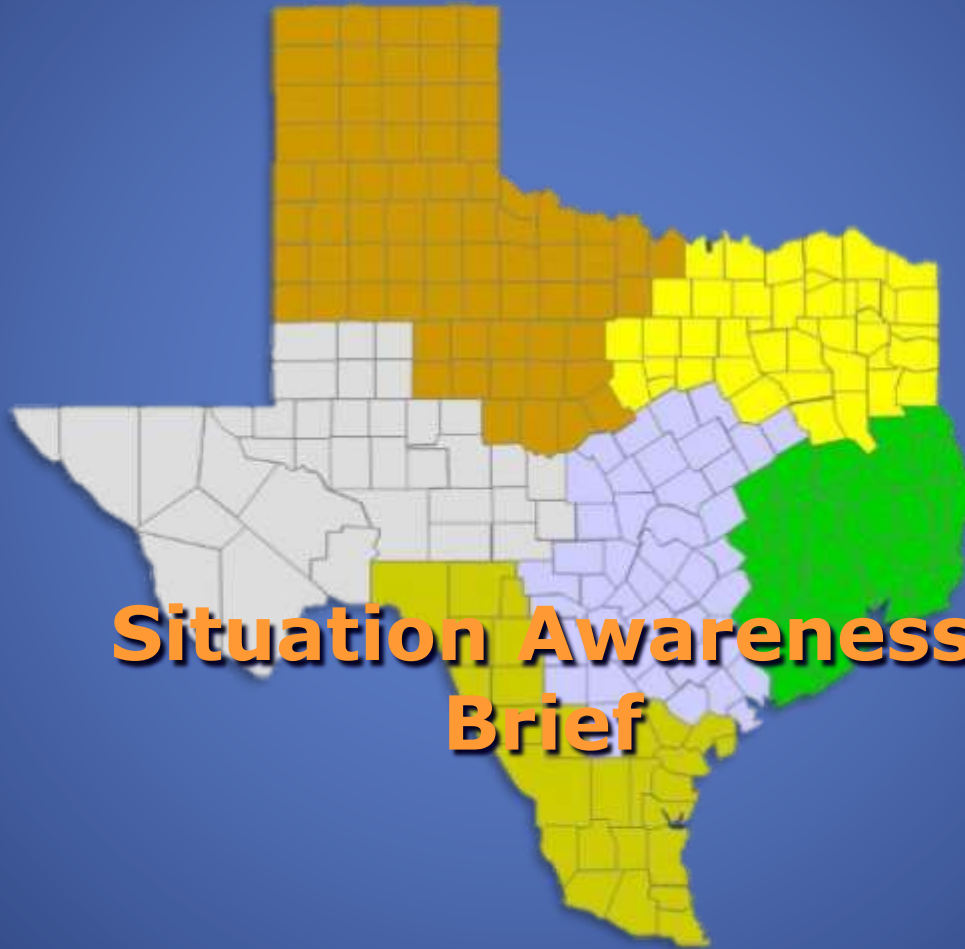


# **Texas Division of Emergency Management Texas State Operations Center**



## **Situation Awareness Brief**



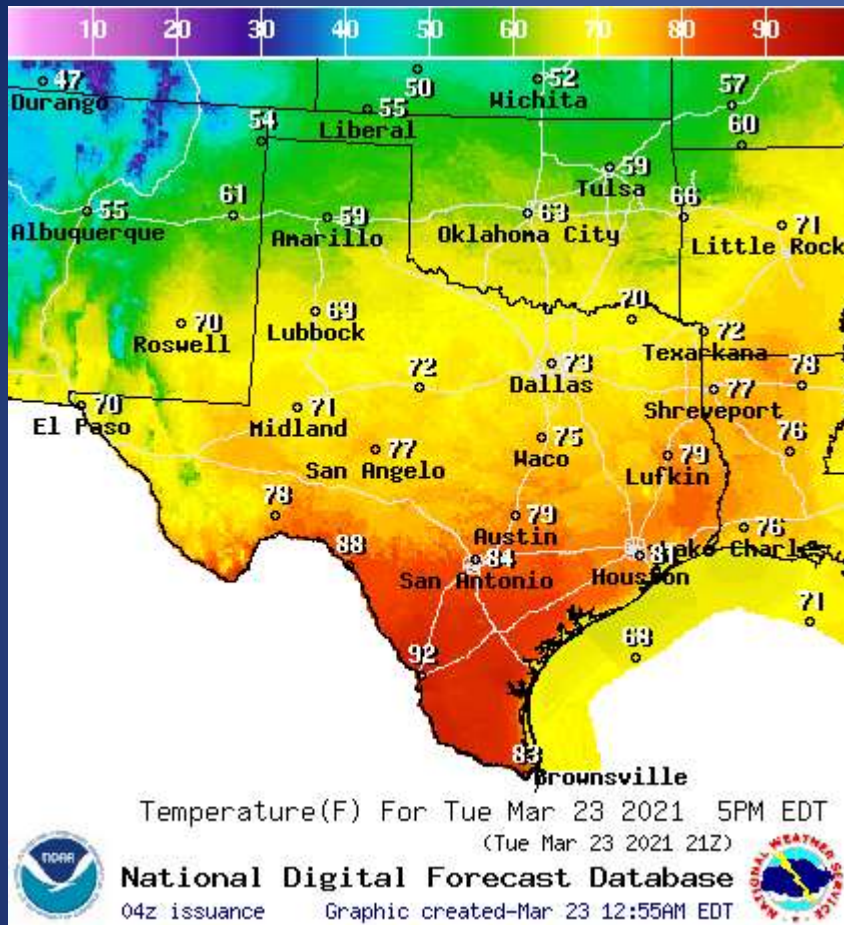
**Tuesday, March 23<sup>rd</sup>, 2021  
As of 0900 CST**

# Informational Products

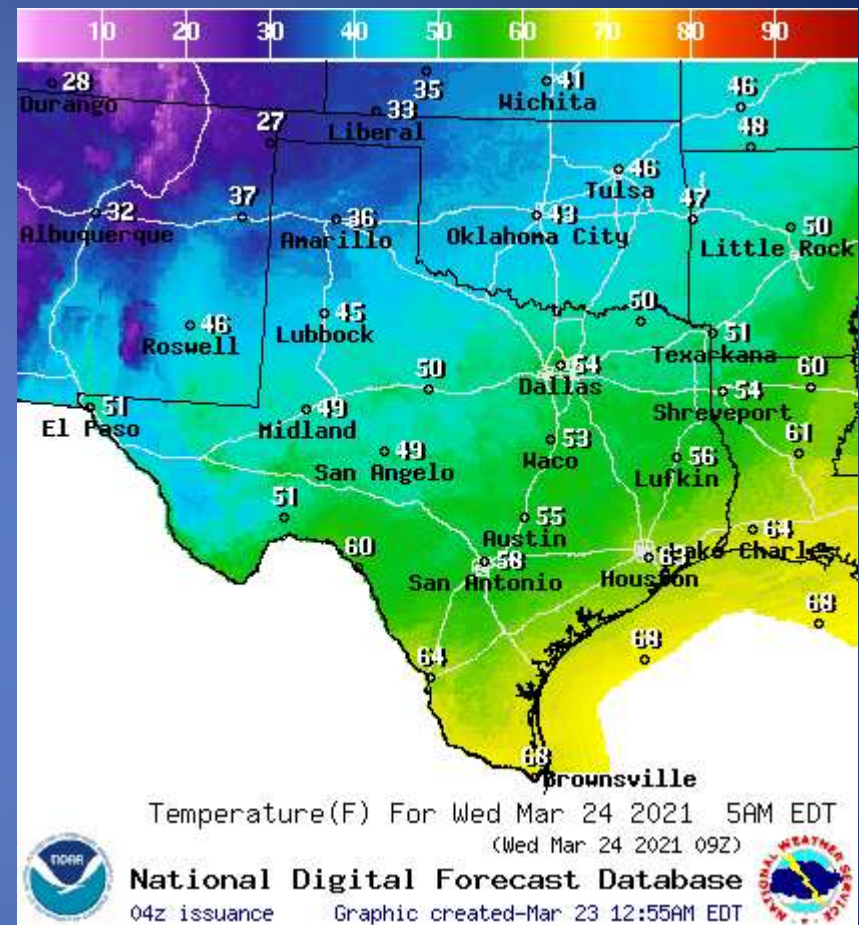
## Distributed by the State Operations Center

DATE	SUBJECT
03/22/21	NWS El Paso/Santa Teresa: Weather Hazards Outlook March 22, 2021
03/22/21	NWS West Gulf River Forecast Center: Rain, Thunderstorms, and the Possibility of Flooding
03/22/21	NWS Amarillo: Weather Briefing - Severe Weather Potential
03/22/21	NWS Weather Update - 11:50am Monday, 03 22, 2021
03/22/21	CLEAR Alert Activation - Houston PD - Jackson
03/22/21	FEMA REGION 6 DAILY SITUATIONAL AWARENESS REPORT
03/22/21	NWS Brownsville: Fire Weather Outlook Tuesday, March 23rd through Thursday, March 25 <sup>th</sup>
03/22/21	CLEAR Alert Discontinuation – Houston PD – Jackson
03/22/21	Silver Alert Activation- Austin PD- Proctor
03/22/21	Texas A & M Forest Service -Texas Fire Potential Update
03/23/21	NWS Shreveport, LA: Severe Weather Threat For Thursday March 25, 2021

# Weather Forecast

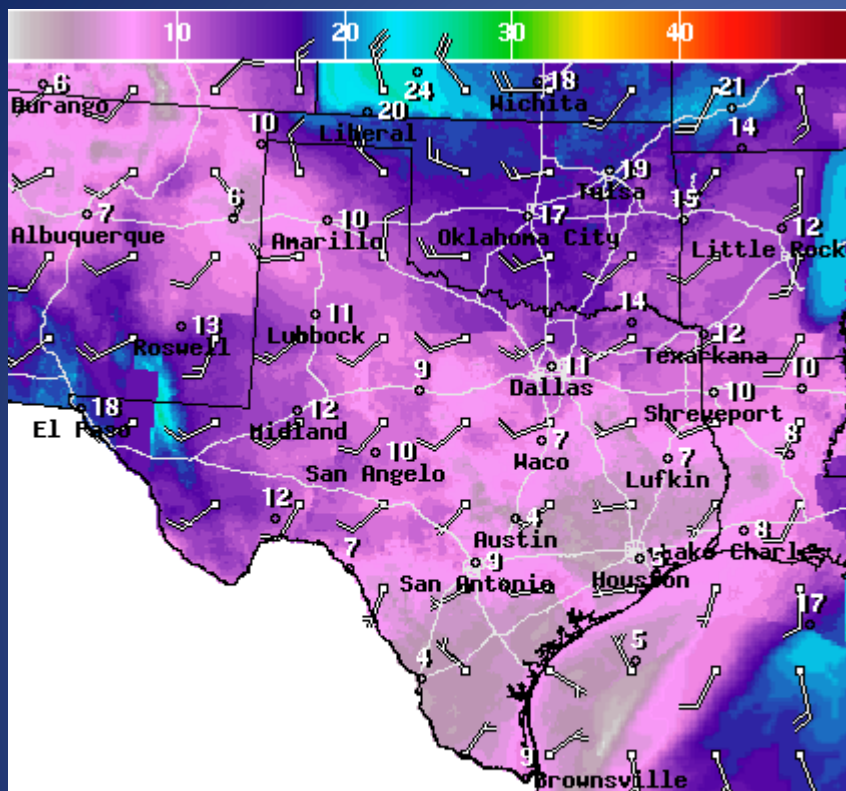


## Highs



## Lows

# Weather Forecast



WindSpd(Kts) & WindDir For Tue Mar 23 2021 5PM EDT  
(Tue Mar 23 2021 21Z)



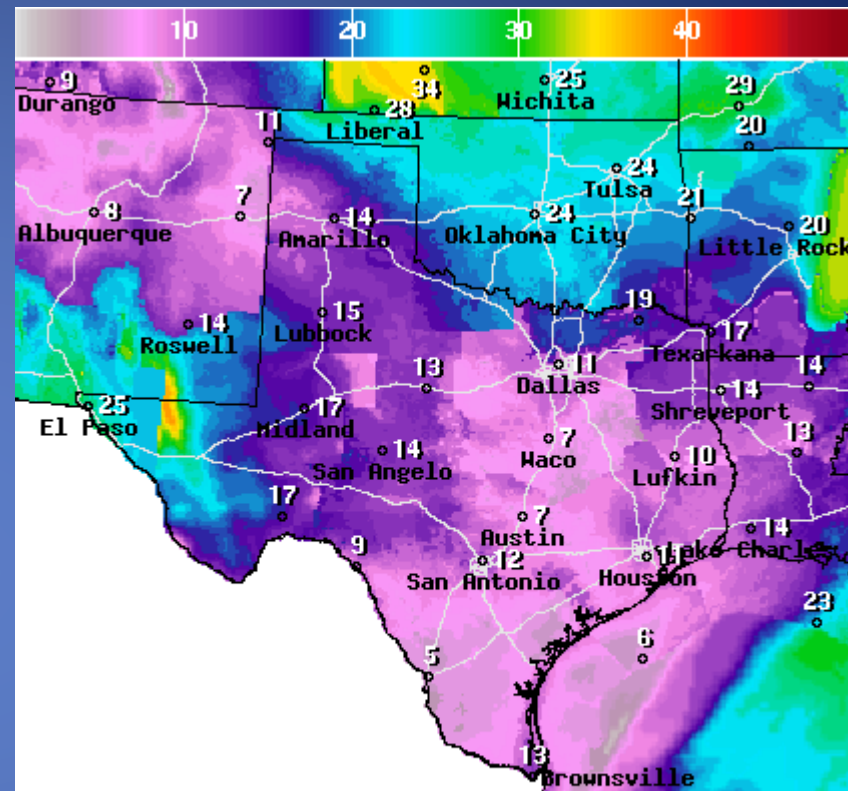
National Digital Forecast Database

04z issuance

Graphic created-Mar 23 1:00AM EDT



## Wind Speeds



Wind Gust(Kts) Tue Mar 23 2021 5PM EDT  
(Tue Mar 23 2021 21Z)



National Digital Forecast Database

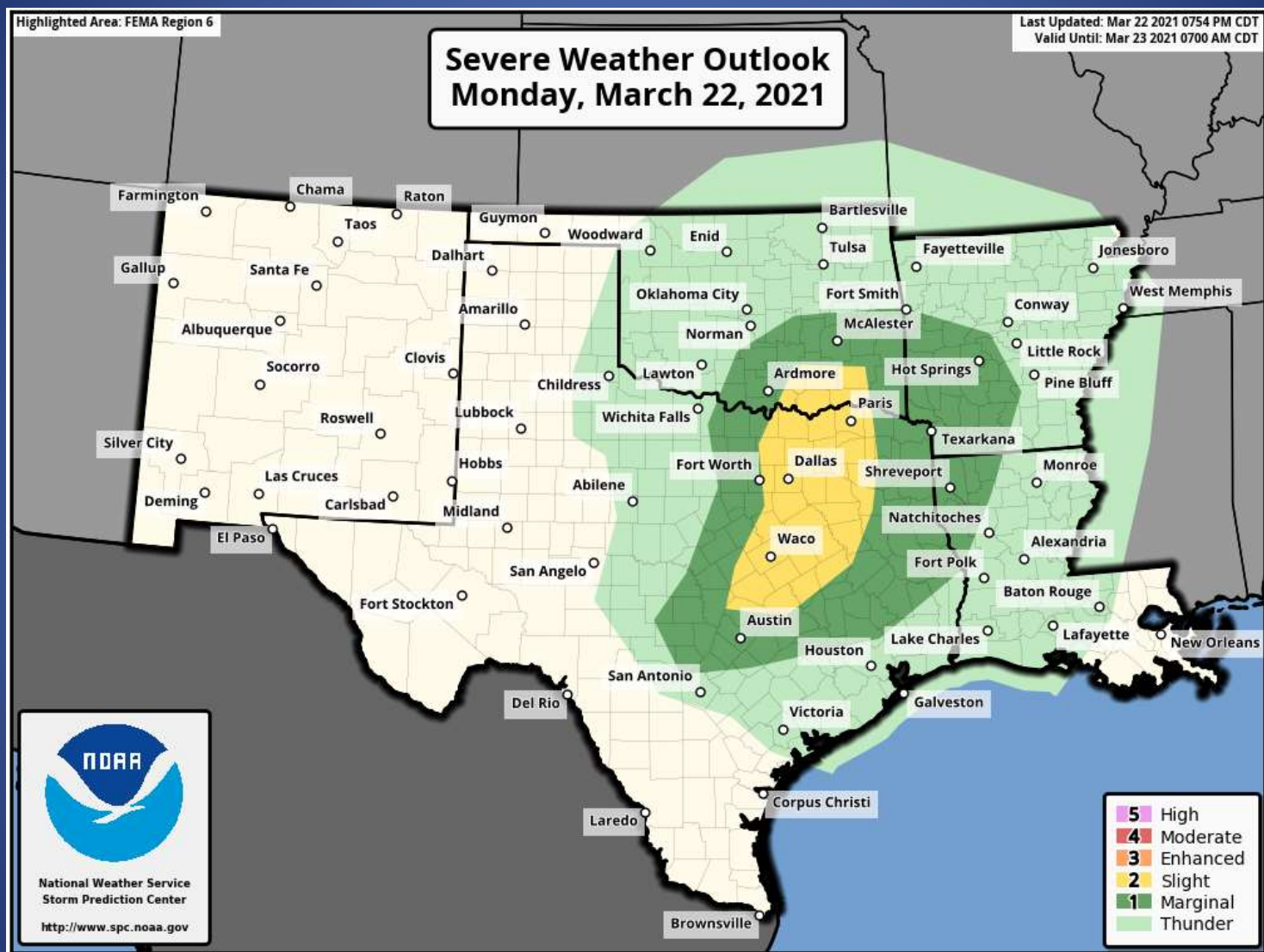
04z issuance

Graphic created-Mar 23 1:02AM EDT



## Gusts

# Hazardous Weather

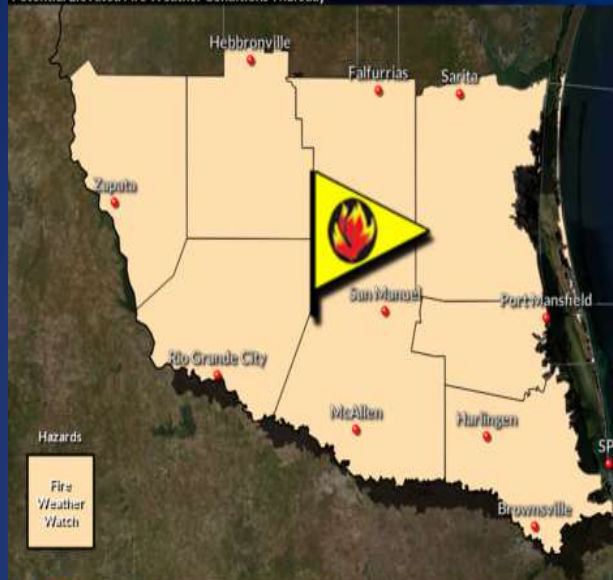


# Hazardous Weather

## Fire Weather Watch

Potential Elevated Fire Weather Conditions Thursday

Weather Forecast Office  
Brownsville/RGV, TX  
Issued Mar 23, 2021 4:31 AM CDT



### Fire Weather Watch

**What:**  
Potential Elevated Fire Weather Conditions:

- 20ft Winds: 15 to 30 gusts to 40 mph
- Minimum Humidity: 10 to 25%

**Where:**  
All of Deep South Texas

**When:**  
From 9 AM to 6 PM Thursday

**Impacts:**  
- Any fires that develop will likely spread rapidly.  
- Outdoor burning is not recommended.

@NWSBrownsville

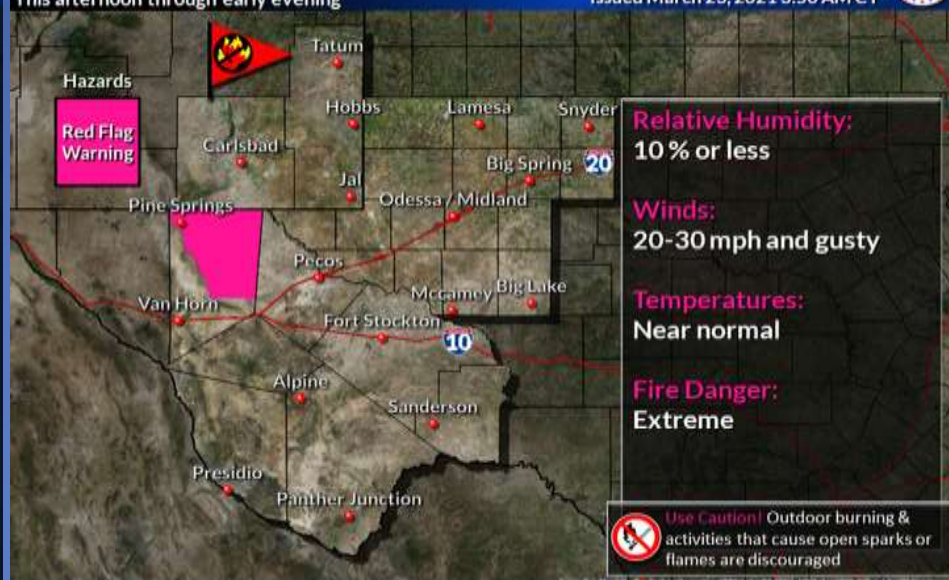
weather.gov/rgv

Elevated to potential critical fire weather conditions are expected behind a cold front Thursday, with NW winds increasing and relative humidity plummeting through the morning hours. The potential exists for extreme fire behavior due to forecast humidity values below 20 percent...gusty 20-foot winds in excess of 25 MPH...and abundant extremely dry fuels.

## Red Flag Warning

This afternoon through early evening

Weather Forecast Office  
Midland/Odessa, TX  
Issued March 23, 2021 3:50 AM CT



NWSMidland

weather.gov/maf

Critical fire weather conditions are expected in the Guadalupe Mountains and in eastern Culberson County this afternoon through early evening. SW winds of 20-30 mph and RH 10% or less will result in extreme fire danger.

# Hazardous Weather

## Today

Showers and thunderstorms tapering off through the afternoon. Southwest winds near 5-15 MPH.

Weather Forecast Office  
Lake Charles, LA  
Issued Mar 23, 2021 5:52 AM CDT



weather.gov/lch

## Severe Weather Risk – Thursday

Weather Forecast Office  
Shreveport, LA  
Issued March 23, 2021 2:56 AM CT



NWSShreveport

weather.gov/shv

Showers and thunderstorms will move west to east across the region ahead of a slowly approaching frontal system. Rain chances should begin to taper off through the afternoon, from west to east, with a bit of clearing expected in the late afternoon/early evening. Highs will warm into the 70s, while winds will be breezy and out of the west to southwest.

Strong to severe thunderstorms possible on Thursday. Tornadoes, damaging winds, and large hail will be possible during the afternoon.

# Hazardous Weather

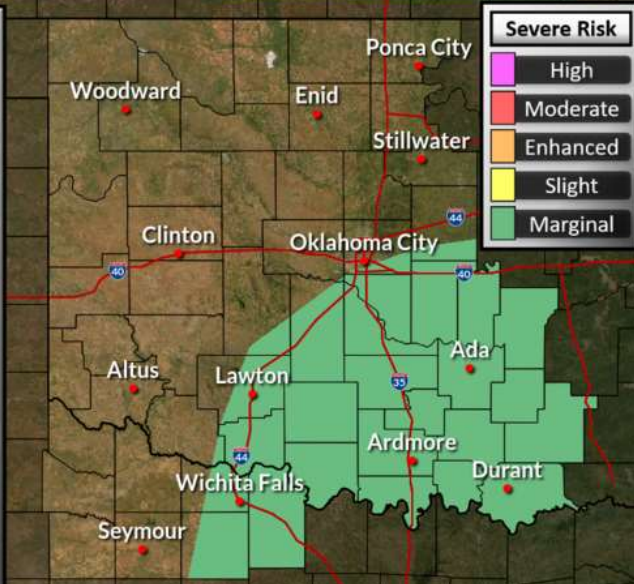
## Wednesday | Severe Thunderstorm Potential

Timing: During the Evening

Weather Forecast Office  
Norman, OK  
Issued Mar 23, 2021 2:52 AM CDT



Tornado Potential	
High	
Medium	
Low	
Very Low	
Maximum Hail Size	
Up to Softball	
Up to Baseball	
Up to Golf Ball	
Up to Quarter	
Maximum Wind Speed	
80+ mph	
60 – 80 mph	
Up to 60 mph	



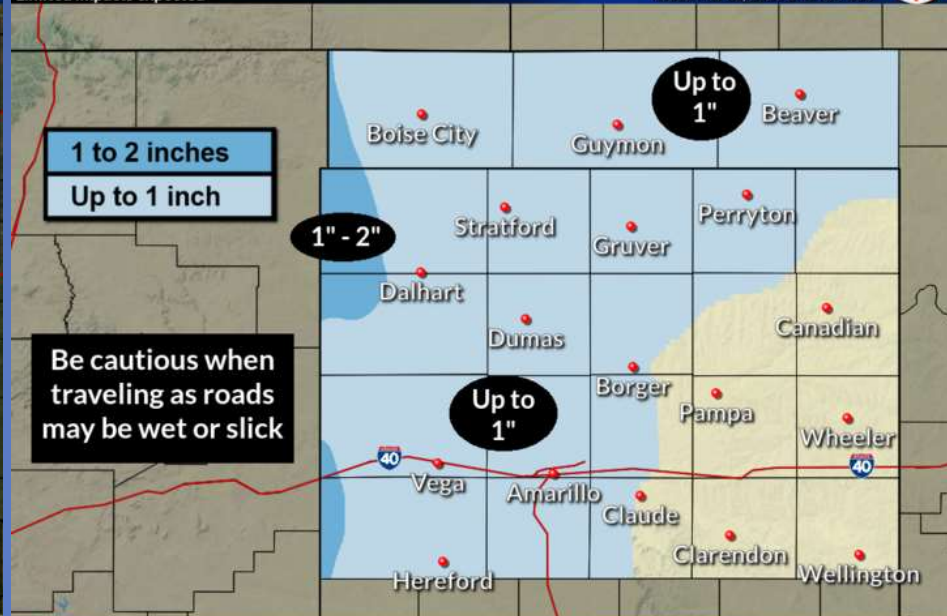
weather.gov/norman

## Estimated Snow Amounts for Tonight through Wed Night

Limited impacts expected

Weather Forecast Office  
Amarillo, TX

Issued Mar 23, 2021 2:46 AM CDT



NWSAmarillo

weather.gov/ama

**A few storms may become severe with quarter-size hail and 60 mph wind gusts as a cold front moves west to east Wednesday evening.**

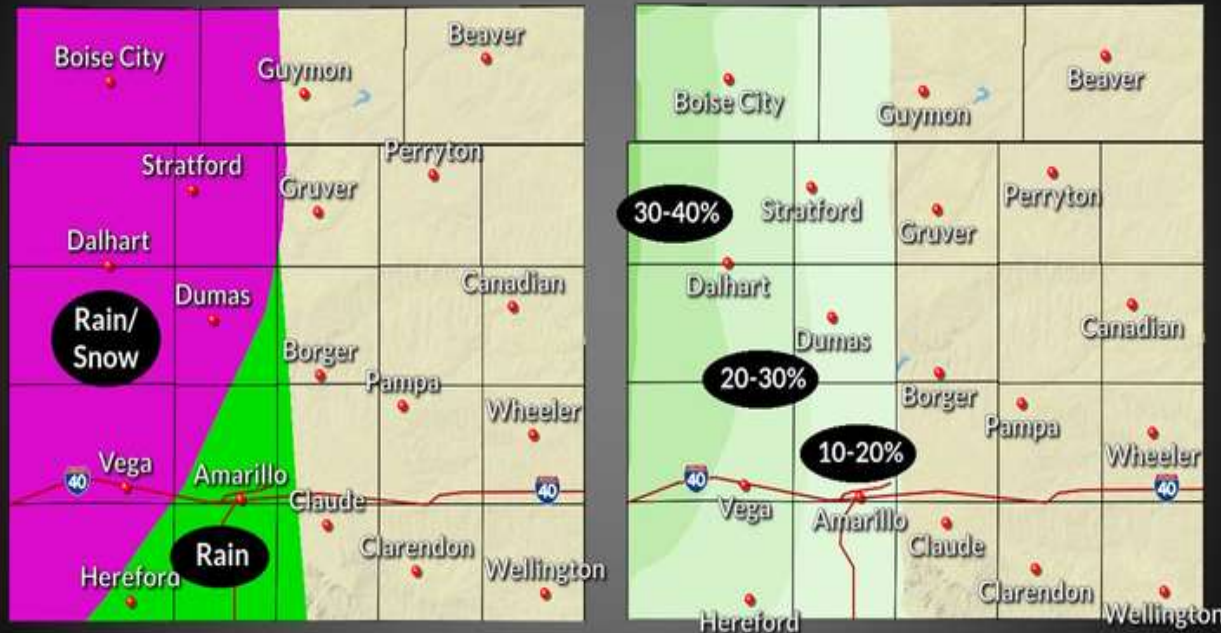
**Estimated snow amounts will generally be up to an inch for snow falling between tonight through Wednesday night. Some areas near the state line may see upwards of 2 inches as higher snow amounts are expected in New Mexico. Be cautious when traveling as roads may be wet or slick.**

# Hazardous Weather

## Winter Weather Potential: Tonight

Rain and snow will start after 8 PM

Weather Forecast Office  
Amarillo, TX  
Issued March 23, 2021 3:30 AM



f t NWSAmarillo

weather.gov/ama

**Winter weather is possible starting tonight with the best precipitation chances in the western Panhandles. Rain and snow are more likely in the northwest Panhandles where temperatures will have begun to cool near or below freezing during the overnight hours.**

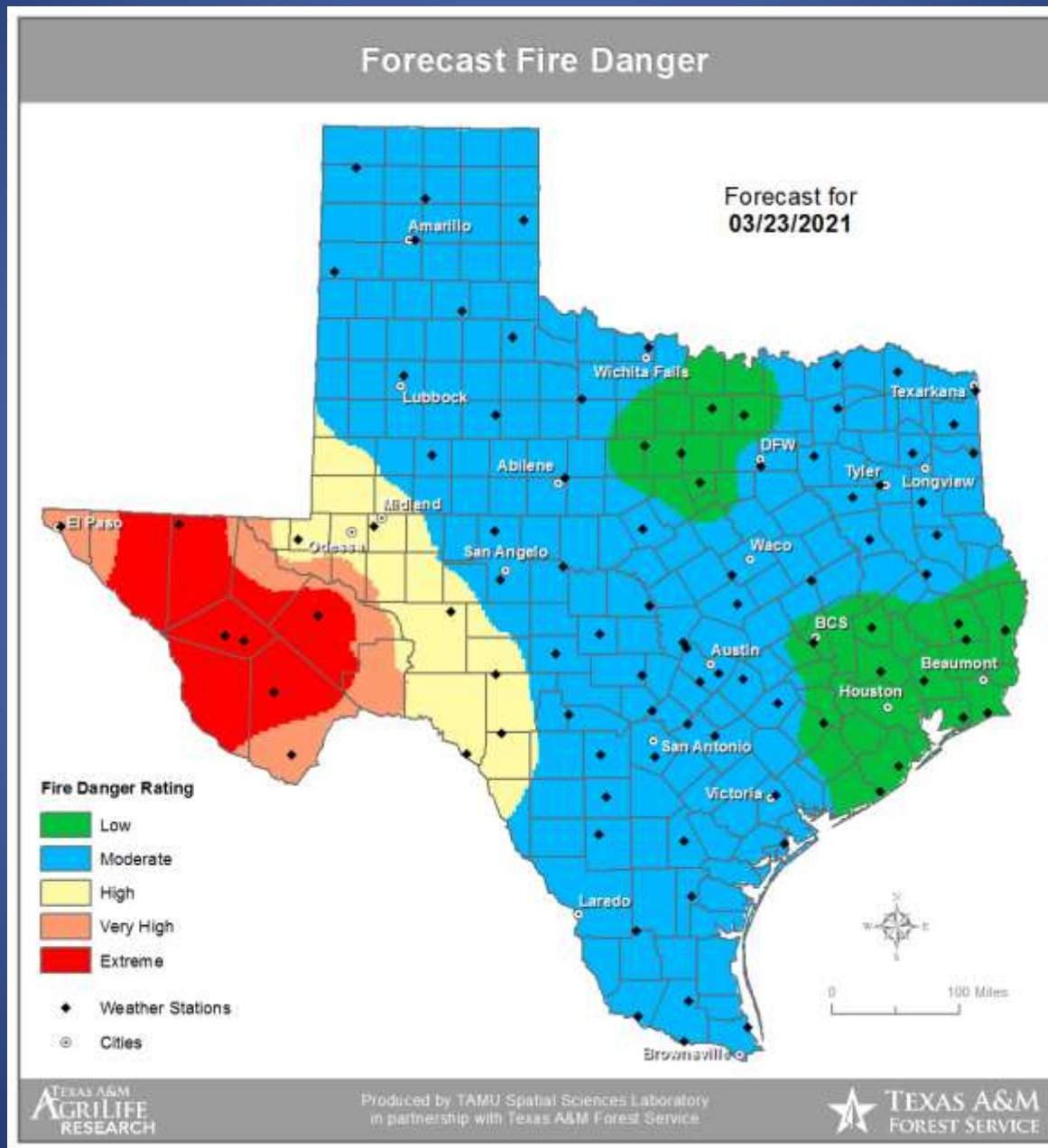
# Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
03/22/21	Severe Thunderstorm Warning	Anderson, Bandera, Blanco, Bosque, Burnet, Callahan, Childress, Collin, Comal, Coryell, Cottle, Crosby, Dallas, Delta, Dickens, Edwards, Ellis, Fannin, Fisher, Freestone, Garza, Gillespie, Hardeman, Haskell, Hays, Henderson, Hill, Hopkins, Hunt, Kaufman, Kendall, Kerr, Jones, Kent, Kimble, King, Lampasas, Limestone, Llano, Mason, McLennan, McCulloch, Medina, Menard, Mills, Motley, Navarro, Nolan, Real, Rockwall, San Saba, Schleicher, Shackelford, Sutton, Taylor, Throckmorton, Travis, Uvalde, and Williamson Counties
03/22/21	Urban and Small Stream Flood Advisory	Lubbock County
03/22/21	Dust Storm Warning	Borden, Callahan, Coke, Coleman, Fisher, Haskell, Howard, Irion, Jones, McCulloch, Mitchell, Nolan, Runnels, Scurry, Sterling, Taylor, and Tom Green Counties
03/22/21	Tornado Warning	Williamson County

# Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
03/23/21	Thunderstorm Warning	Bandera, Bastrop, Bexar, Cherokee, Caldwell, Colrado Comal, Fayette, Gonzales, Guadalupe, Grimes, Hays, Houston, Karnes, Lavaca, Lee, Madison, Medina, Polk, Rusk, Smith, Trinity, Tyler Uvalde, Walker and Wilson Counties

# Fire Danger Forecast



# Burn Ban

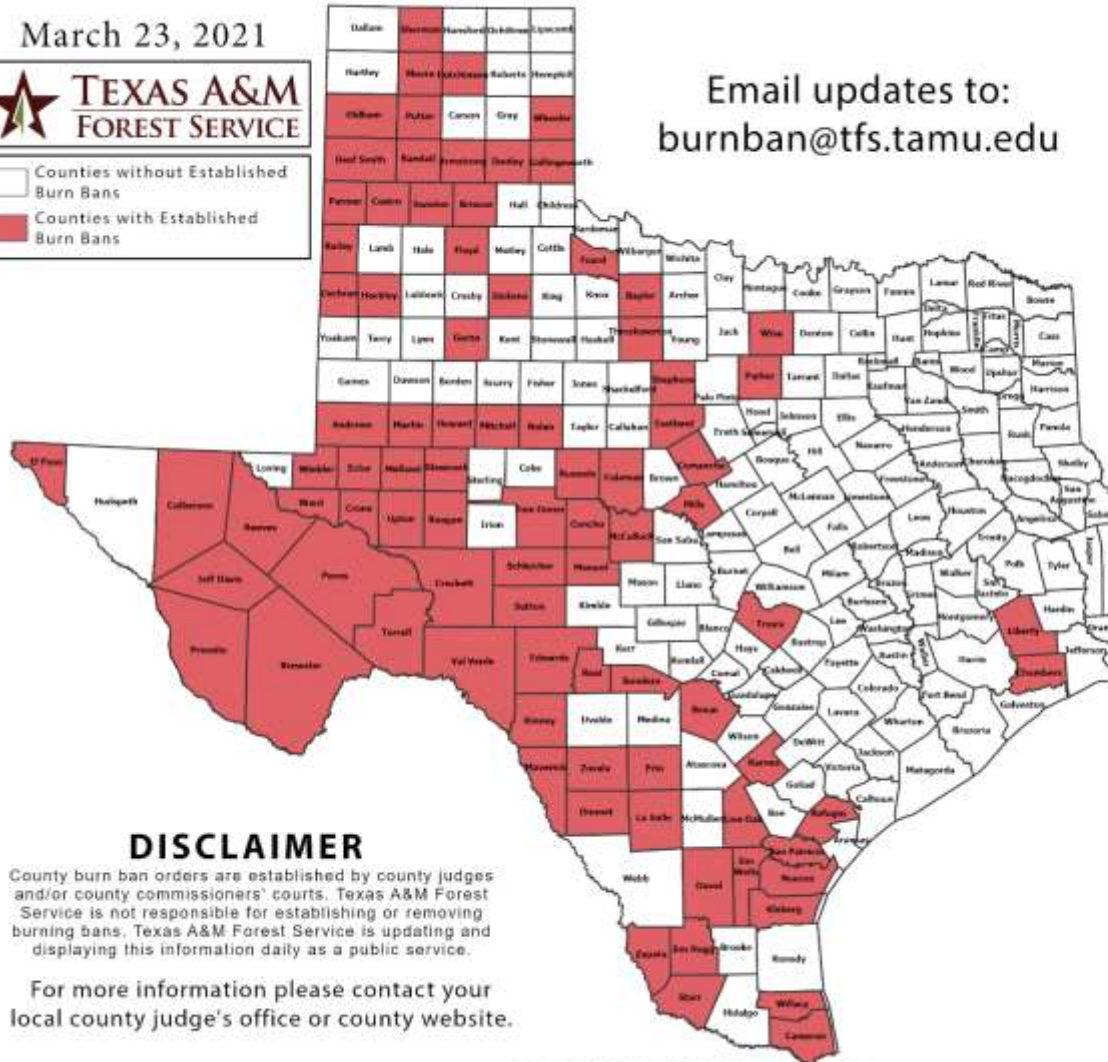
## OUTDOOR BURN BANS

March 23, 2021



☐ Counties without Established Burn Bans  
☒ Counties with Established Burn Bans

Email updates to:  
[burnban@tfs.tamu.edu](mailto:burnban@tfs.tamu.edu)



### Counties with Burn Bans: 87

Andrews	Live Oak
Armstrong	McCulloch
Bailey	Martin
Bandera	Maverick
Baylor	Menard
Bexar	Midland
Brewster	Mills
Briscoe	Mitchell
Cameron	Moore
Castro	Nolan
Chambers	Nueces
Cochran	Oldham
Coleman	Parker
Collingsworth	Parmer
Comanche	Pecos
Concho	Potter
Crane	Presidio
Crockett	Randall
Culberson	Reagan
Deaf Smith	Real
Dickens	Reeves
Dimmit	Refugio
Donley	Runnels
Duval	San Patricio
Eastland	Schleicher
Ector	Sherman
Edwards	Starr
El Paso	Stephens
Floyd	Sutton
Foard	Swisher
Frio	Terrell
Garza	Throckmorton
Glasscock	Tom Green
Hockley	Travis
Howard	Upton
Hutchinson	Val Verde
Jeff Davis	Ward
Jim Hogg	Wheeler
Jim Wells	Willacy
Karnes	Winkler
Kinney	Wise
Kleberg	Zapata
La Salle	Zavala
Liberty	

### DISCLAIMER

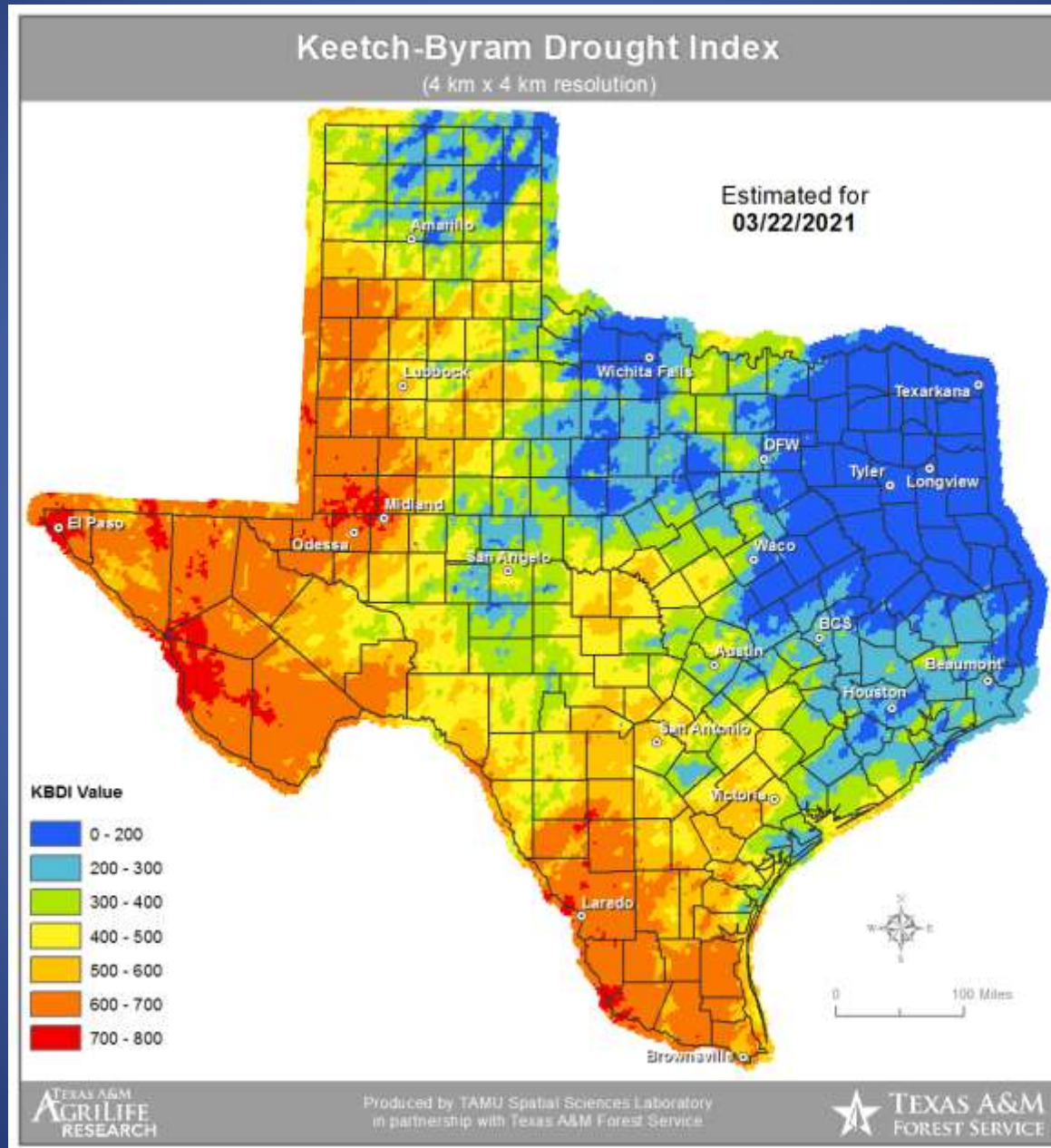
County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)

Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

# Keetch-Byram Drought Index

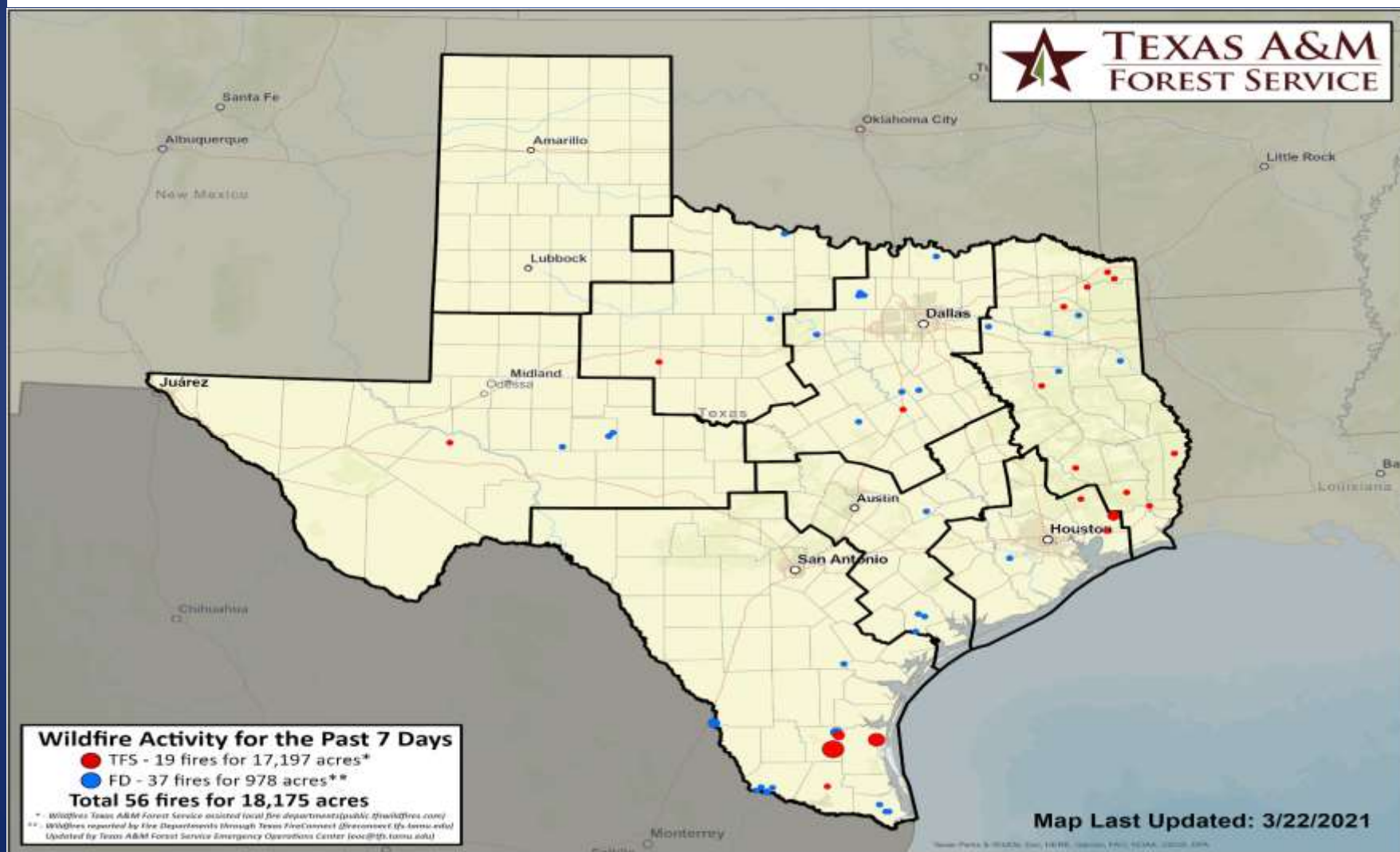


# Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
03/23/21	Red Flag Warning	Guadalupe and Delaware Mountains affecting Culberson County; Eastern Culberson County

# Fire Activity (\*Last 24 Hours)

Reports of 160 (+15) fires and 26,738 (+5029) acres have been destroyed this year. There are 87 (-3) counties with burn bans. The Keetch-Byram Drought Index list 103 (no change) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
03/22/21	03/26/21	NFPA 1072 HazMat Technician	H-501	Cibolo
03/22/21	03/24/21	Intermediate Command System for Expanding Incidents	G-300	San Antonio
03/22/21	03/23/21	Haz Mat Incident Command System	H-401	Wylie
03/22/21	03/26/21	NFPA 1006 2013 Edition Confined Space Rescue Levels I & II Training	H-503	Castle Hills
03/22/21	03/24/21	Intermediate Command System for Expanding Incidents	G-300	Huntsville
03/23/21	03/25/21	Intermediate Emergency Operations Center Functions	E/L/K/G – 2300	Beaumont
03/23/21	03/25/21	Local Mitigation Planning Workshop	V-318	Virtual Classroom

# Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
03/24/21	03/24/21	TDEM/TDEM Region 1	Virtual: Region 1 – Recovery Exercise

## Statewide Significant Events

DATE(S)		LOCATION	EVENT
01/12/21	05/24/21	Austin	87th Texas Legislature